14th Annual Ottawa Neurosurgery Review Course Schedule
March 26 – April 2, 2026
Course Location – The Marconi Centre – 1026 Baseline Road, Ottawa

Thursday March 26th

07:00 – 07:40	Registration and Breakfast	
07:40 – 08:00	**Introductory Remarks** **Q&A**	Dr Safraz Mohammed Dr. Charles Agbi Dr. Fahad Alkherayf
08:00 – 08:40	**Cranial Meningiomas** **Learning Objectives** By the end of this presentation, participants will be able to: • Identify key anatomical structures relevant to the surgical management of cranial meningiomas. • Select an appropriate surgical approach based on tumour location and surrounding anatomy. • Describe intraoperative strategies to minimize complications during meningioma surgery.	Dr. Almunder Algird
08:50 – 09:30	**Management of Common CNS Infections and Surgical Treatment** **Learning Objectives** By the end of this presentation, participants will be able to: • Identify the most common infections affecting the central nervous system. • Describe indications for surgical intervention in CNS infections. • Apply clinical and imaging findings to guide treatment decisions	Dr. Charles Agbi
09:40 – 10:20	**Epidemiology, Genetics, Molecular Biology of Intracranial Aneurysms. Management of Unruptured Intracranial Aneurysms**. **Learning Objectives** By the end of this presentation, participants will be able to: • List genetic syndromes associated with the development of intracranial aneurysms. • Identify molecular and histological features involved in aneurysm pathogenesis. • Recognize aneurysm characteristics that influence the risk of rupture.	Dr. Alim Mitha
10:20 - 10:30	**BREAK**	

10:30 – 11:10	**Surgical Management of Ruptured Intracranial Aneurysms** **Learning Objectives** By the end of this presentation, participants will be able to: • Explain the rationale for treatment of ruptured intracranial aneurysms. • Select appropriate surgical or endovascular treatment strategies based on clinical and anatomical factors. • Identify risks associated with aneurysm treatment and strategies to mitigate these risks. • Describe the role of multidisciplinary care in aneurysm management.	Dr. Alim Mitha
11:10- 11:50	**Chordomas and Chondrosarcomas: Current Management** **Learning Objectives** By the end of this presentation, participants will be able to: • Differentiate between the pathological features of chordomas and chondrosarcomas. • Describe the role of multidisciplinary care in their management. • Apply oncologic surgical principles to the resection of skull base chordomas and chondrosarcomas. • Identify surgical approaches used in the management of these lesions.	Dr. Idara Edem

11:50- 12:30	**Anatomy and physiology of functional neurosurgery targets** **Learning Objectives** By the end of this presentation, participants will be able to: • Describe the anatomy and physiology of the basal ganglia, limbic system, and cerebellum relevant to functional neurosurgery. • Illustrate key limbic system pathways, including the hippocampal formation, Papez circuit, and amygdala. • Explain the role of these neural circuits in memory, emotion, and neurosurgical intervention.	Dr. Zelma Kiss
12:30-13:40	**LUNCH**	
13:40- 15:00	**HOT SEAT Sessions** **Learning Objectives** By the end of this presentation, participants will be able to: • Analyze common neurosurgical cases to determine appropriate diagnosis, investigation, and management strategies.	Dr. Alim Mitha
15:00 –15:20	**BREAK**	

15:20 – 16:00	**Endovascular Treatment Options for Ruptured Intracranial Aneurysms** **Learning Objectives** By the end of this presentation, participants will be able to: • Explain the rationale for selecting endovascular treatment options in ruptured aneurysms. • List commonly used endovascular techniques and adjuvant strategies for complex aneurysms. • Describe outcome grading systems used to assess treatment success and their clinical implications.	Dr. Gwynedd Pickett
16:00 – 16:40	**Pathophysiology, Diagnosis and Management of Cerebral Vasospasm** **Learning Objectives** By the end of this presentation, participants will be able to: • Interpret investigations used in the evaluation of delayed neurological deterioration following subarachnoid hemorrhage. • Identify risk factors, epidemiology, and outcomes associated with cerebral vasospasm. • Apply current pathophysiological concepts to the selection of appropriate therapeutic interventions..	Dr. Gwynedd Pickett
16:40 – 17:30	**The Visual Pathways I ·** **Learning Objectives** By the end of this presentation, participants will be able to: • Describe the anatomical organization and major connections of the visual pathways. • Identify clinical conditions associated with dysfunction of the visual pathways. • Apply anatomical knowledge to illustrative clinical cases.	Dr. Vivek Patel **(Virtual)**
17:30- 18:20	**The Visual Pathways II ·** **Learning Objectives** By the end of this presentation, participants will be able to: • Correlate visual pathway anatomy with clinical presentations of visual dysfunction. • Interpret clinical cases involving lesions affecting the visual pathways. • Apply visual pathway localization principles in exam-style scenarios.	Dr. Vivek Patel **(Virtual)**

18:20 – 1900h	**CSF Physiology in Adult, IIH, NPH Management** **Learning Objectives** By the end of this presentation, participants will be able to: • Identify key diagnostic investigations for idiopathic intracranial hypertension and normal pressure hydrocephalus. • Select appropriate surgical management strategies for disorders of cerebrospinal fluid dynamics.	Dr. Michael Tso